

IN THE CLAMIS:

1. (Withdrawn) An air venting apparatus for a milk bottle having a soft teat for a baby to suck, a bottle for containing milk, and a fixing frame for fixing the soft teat to the bottle without leakage, the apparatus comprising;

an upper plate disposed between the top of a body of the bottle and the base of the teat and having at least one air inlet groove for guiding external air into the bottle body;

a lower plate combined with the upper plate and having at least one thorough hole and an air control valve to control the amount of the introduced air, for discharging a gas generated from high-temperature milk outside the bottle body; and

an annular connection member combined with the lower plate, for providing the amount-controlled air into the bottle body.

2. (Withdrawn) The air venting apparatus of claim 1, wherein the upper plate comprises:

at least one slip-preventing piece formed on the upper surface of the upper plate to be in tight contact with the lower inner side surface of the teat;

an engagement protrusion formed on the lower surface of the upper plate to be inserted into the through hole; and

a milk outlet hole formed in the engagement protrusion, for moving the milk from the bottle body into the teat.

3. (Withdrawn) The air venting apparatus of claim 1, wherein the at least one air inlet groove is formed in a radial direction from the center of the upper plate.

4. (Withdrawn) The air venting apparatus of claim 1, wherein the lower plate further comprises:

a sealing extending around the side surface of the lower plate, for sealing the top of the bottle body; and

an engagement portion formed on the lower surface of the lower plate, for being forcedly engaged with the connection member,

wherein the air control valve is formed under the center of the lower plate, for controlling the external air introduced through the air inlet groove, providing the controlled air to the connection member, and discharging the gas generated from the high-temperature milk outside the bottle.

5. (Withdrawn) The air venting apparatus of claim 4, wherein the air control valve comprises:

a control valve body protruding downward from the lower plate;

a hole formed in an upper portion of the control valve body to communicate with the air inlet groove;

a first non-return valve formed on a side of the control valve body to be opened outward from the control valve body, for controlling the amount of the introduced air; and

a second non-return valve formed in a lower side portion of the control valve body, for being opened inward by the pressure of the generated gas and discharging the gas outside.

6. (Withdrawn) The air venting apparatus of claim 1, wherein the connection member comprises:

a cap formed on the top of the connection member, for being engaged with the engagement portion of the lower plate;

an air outlet hole formed in a lower portion of the connection member, for providing the controlled air into the bottle body; and

at least one mixer for uniformly mixing milk powder with water.

7. (Withdrawn) The air venting apparatus of claim 6, wherein the mixer is shaped like a circular plate tilted to a predetermined angle and integrally formed lengthwise with the connection member.

8. (Withdrawn) An air venting apparatus for a milk bottle having a soft teat for a baby to suck, a bottle for containing milk, and a fixing frame for fixing the soft teat to the bottle without leakage, the apparatus comprising:

an air vent valve disposed between the top of a body of the bottle and the base of the teat and having an one air inlet groove on the upper surface for guiding external air into the bottle body and an air control valve on the lower surface, for controlling the amount of air introduced through the air inlet groove, to thereby discharge a gas generated from high-temperature milk outside the bottle body; and

an annular connection member combined with the air control valve, for providing the controlled air into the bottle body.

9. (Withdrawn) The air venting apparatus of claim 8, wherein the air vent valve comprises:

at least one slip-preventing piece formed on the upper surface of the air vent valve to be in tight contact with the lower inner side surface of the teat; and

a milk outlet hole at the center of the air vent valve, for moving milk from the bottle body into the teat.

10. (Withdrawn) The air venting apparatus of claim 8, wherein the air control valve extends downward from a predetermined position of the bottom of the air vent valve, for controlling the external air introduced through the air inlet groove, providing the controlled air to the connection member, and discharging the gas generated from the high-temperature milk outside the bottle.

11. (Withdrawn) The air venting apparatus of claim 10, wherein the air control valve comprises:

- a control valve body protruding downward;

- a hole formed in an upper portion of the control valve body to communicate with the air inlet groove;

- a first non-return valve formed on a side of the control valve body to be opened outward from the control valve body, for controlling the amount of the introduced air; and

- a second non-return valve formed in a lower side portion of the control valve body, for being opened inward by the pressure of the generated gas and discharging the gas outside.

12. (Withdrawn) The air venting apparatus of claim 8, wherein the connection member comprises:

- a cap formed on the top of the connection member, for being engaged with the engagement portion of the lower plate;

- an air outlet hole formed in a lower portion of the connection member, for providing the controlled air into the bottle body; and

- at least one mixer for uniformly mixing milk powder with water.

13. (Withdrawn) The air venting apparatus of claim 12, wherein the

mixer is shaped like a circular plate titled to a predetermined angle and integrally formed lengthwise with the connection member.

14. (Original) An air venting apparatus for a milk bottle having a soft teat for a baby to suck, a bottle for containing milk, and a fixing frame for fixing the soft teat to the bottle without leakage, the apparatus comprising:

an air vent valve extending downward from a predetermined position of the bottom of the teat and having a hole for communicating external air with the inside of the bottle, a second hole under the first hole, for receiving the air from the first hole, and a valve convex downward under the second hole; and

an annular connection member extending from the air vent valve to the vicinity of the bottom of the bottle, for providing the controlled air toward the bottom of the bottle.

15. (Original) The air venting apparatus of claim 14, wherein the connection member comprises a mixer for uniformly mixing milk powder with water.

16. (Original) The air venting apparatus of claim 15, wherein the mixer is shaped like a circular plate titled to a predetermined angle and integrally formed lengthwise with the connection member.

17. (Currently amended) ~~An air venting apparatus for a milk bottle having a soft teat for a baby to suck, a bottle for containing milk, and a fixing frame for fixing the soft teat to the bottle without leakage, the apparatus comprising:~~

~~_____ an air vent valve extending downward from a predetermined position of the bottom of the teat and having a hole for communicating external air with the inside of the bottle, a second hole under the first hole, for receiving the air from the first hole, and a valve convex downward under the second hole;~~

The air venting apparatus of claim 14, further comprising a fixing member combined with the base of the teat and having a third hole, ~~and~~

~~_____~~ Wherein an annular connection member combined with the fixing member and extending from the third hole to the vicinity of the bottom of the bottle, for defining a milk suction path into the teat.